

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012225\
 Data File : PL093757.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Jan 2025 13:28
 Operator : AR\AJ
 Sample : PB166166BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB166166BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 01/23/2025
 Supervised By : Sohil Jodhani 01/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 23 00:21:03 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012125.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 21 14:58:05 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.547	2.776	46706965	52517560	17.345	16.089
28) SA Decachlor...	9.063	7.913	41431123	66647380	19.805	19.020
Target Compounds						
2) A alpha-BHC	4.003	3.279	162.7E6	212.2E6	42.443	43.410
3) MA gamma-BHC...	4.336	3.609	154.6E6	202.5E6	41.974	42.701
4) MA Heptachlor	4.923	3.947	146.6E6	208.8E6	44.739	44.862
5) MB Aldrin	5.265	4.227	138.1E6	194.6E6	42.200	42.668
6) B beta-BHC	4.534	3.909	70149243	88370480	43.644	44.242
7) B delta-BHC	4.781	4.138	150.0E6	199.9E6	42.797	42.078
8) B Heptachlo...	5.692	4.730	128.0E6	187.4E6	43.049	44.835
9) A Endosulfan I	6.077	5.100	118.0E6	179.0E6	44.633	46.169
10) B gamma-Chl...	5.948	4.979	128.2E6	196.3E6	46.001	46.313
11) B alpha-Chl...	6.027	5.043	126.3E6	193.2E6	45.294	46.149
12) B 4,4'-DDE	6.200	5.232	111.8E6	186.1E6	45.938	46.420
13) MA Dieldrin	6.351	5.364	124.1E6	196.5E6	44.724	45.745
14) MA Endrin	6.580	5.639	99500335	162.9E6	42.434m	44.103
15) B Endosulfa...	6.802	5.934	111.7E6	178.0E6	46.363	48.047
16) A 4,4'-DDD	6.718	5.787	90921481	154.3E6	47.839	48.880
17) MA 4,4'-DDT	7.031	6.038	95288080	158.9E6	48.319	48.839
18) B Endrin al...	6.932	6.113	89260435	141.8E6	45.915	46.579
19) B Endosulfa...	7.166	6.337	104.5E6	171.8E6	46.179	48.164
20) A Methoxychlor	7.507	6.613	49689893	82189610	47.623	45.964
21) B Endrin ke...	7.650	6.842	119.1E6	208.3E6	47.229	49.640
22) Mirex	8.122	7.022	90935870	152.8E6	43.667	45.188

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012225\
Data File : PL093757.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Jan 2025 13:28
Operator : AR\AJ
Sample : PB166166BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB166166BS

Manual Integrations

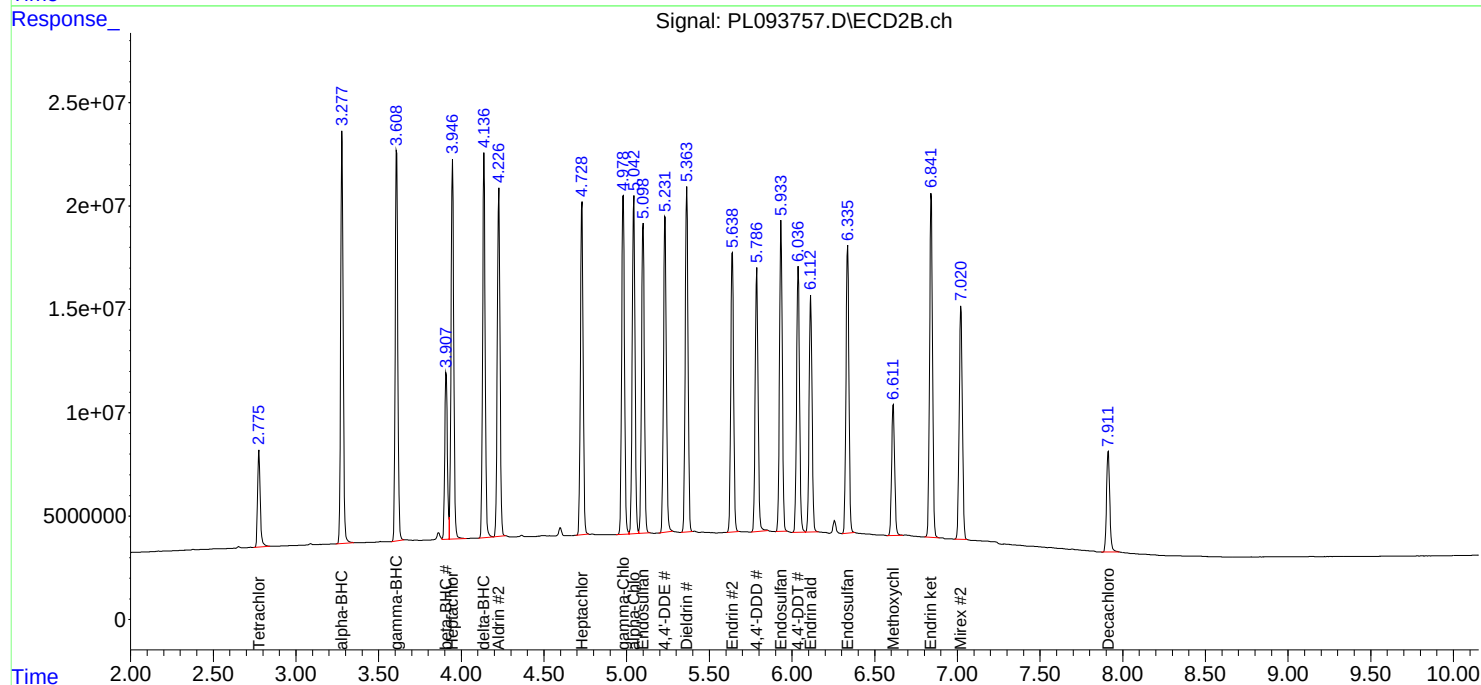
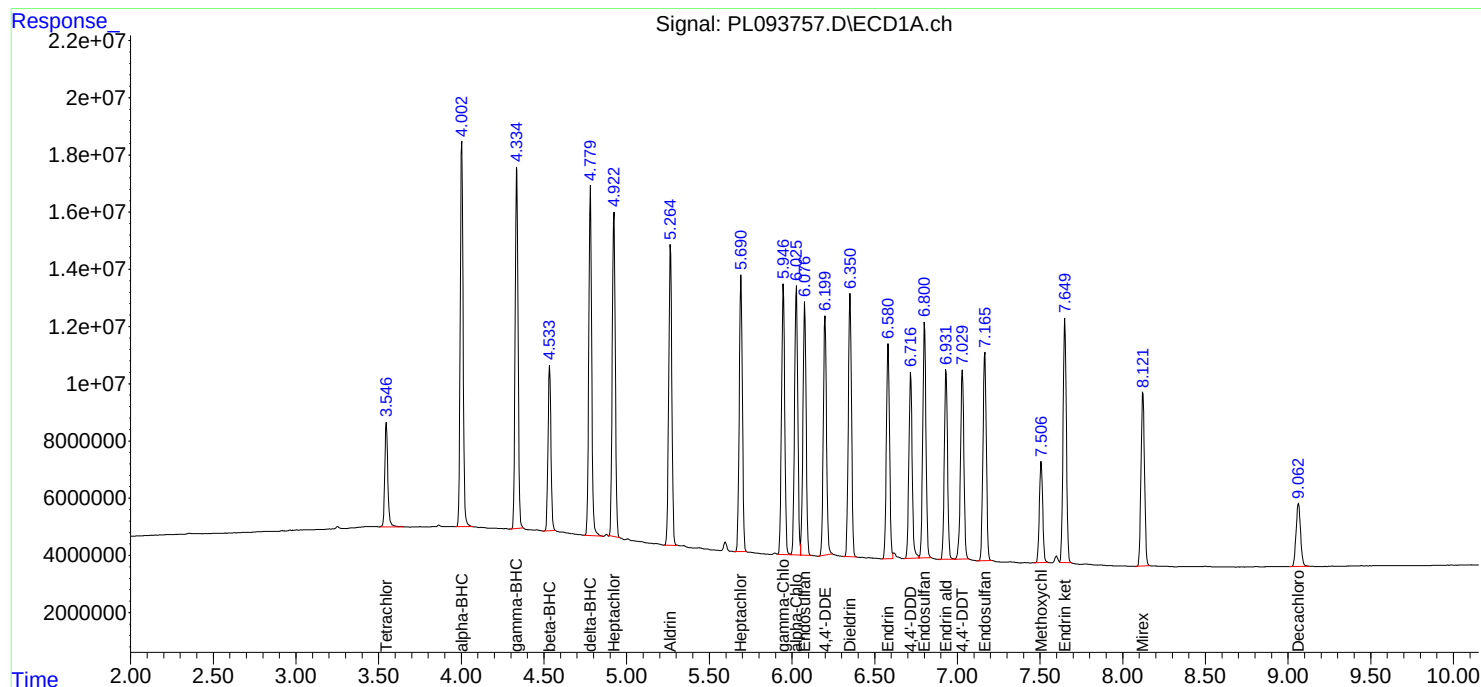
APPROVED

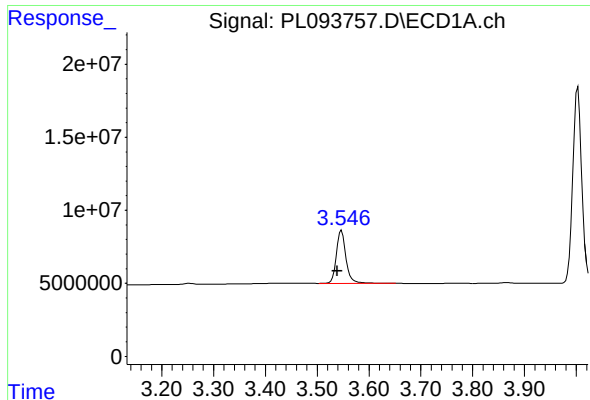
Reviewed By :Abdul Mirza 01/23/2025

Supervised By :Sohil Jodhani 01/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 23 00:21:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012125.M
Quant Title : GC Extractables
QLast Update : Tue Jan 21 14:58:05 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





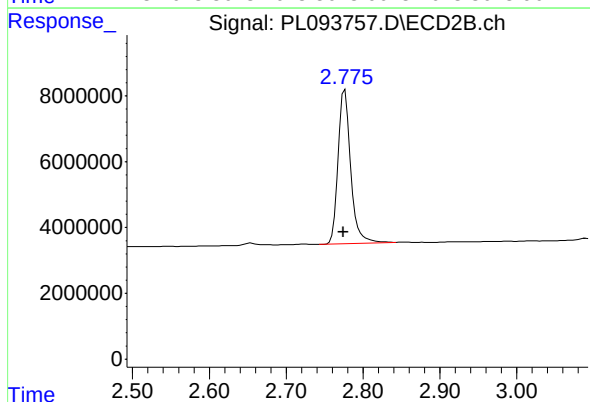
#1 Tetrachloro-m-xylene

R.T.: 3.547 min
Delta R.T.: 0.008 min
Response: 46706965
Conc: 17.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166166BS

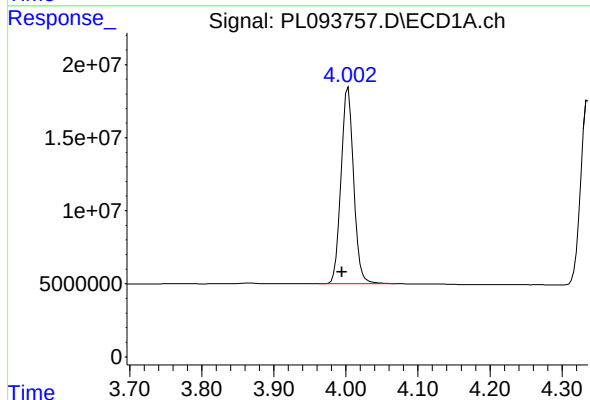
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/23/2025
Supervised By :Sohil Jodhani 01/24/2025



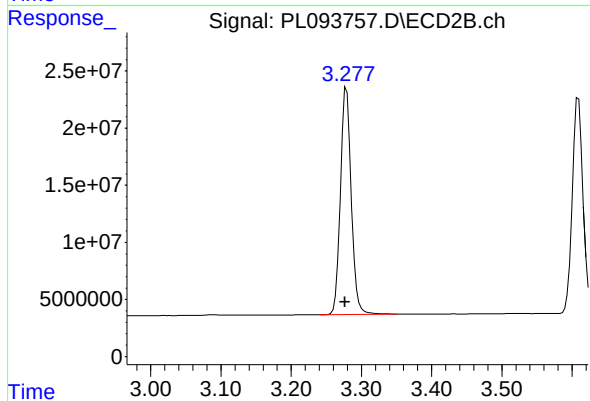
#1 Tetrachloro-m-xylene

R.T.: 2.776 min
Delta R.T.: 0.002 min
Response: 52517560
Conc: 16.09 ng/ml



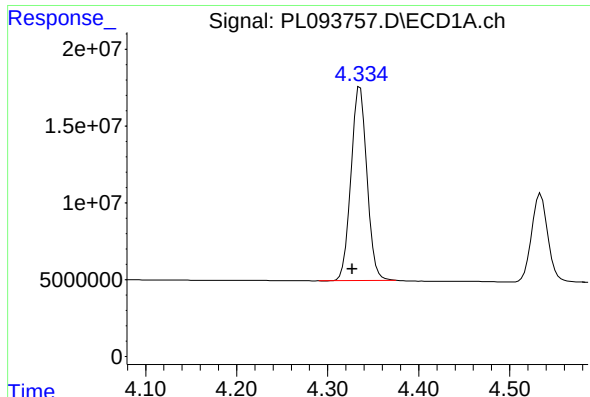
#2 alpha-BHC

R.T.: 4.003 min
Delta R.T.: 0.008 min
Response: 162719697
Conc: 42.44 ng/ml



#2 alpha-BHC

R.T.: 3.279 min
Delta R.T.: 0.002 min
Response: 212228354
Conc: 43.41 ng/ml



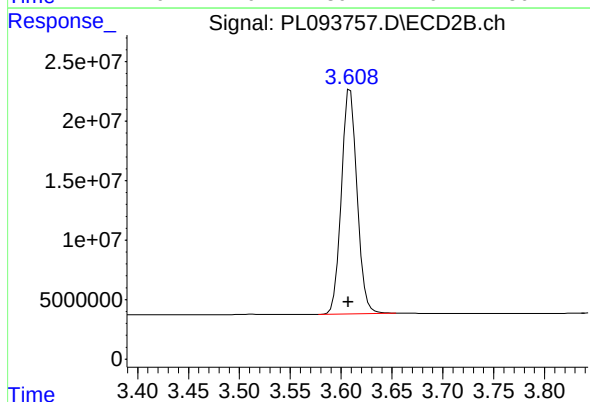
#3 gamma-BHC (Lindane)

R.T.: 4.336 min
Delta R.T.: 0.009 min
Response: 154585247
Conc: 41.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166166BS

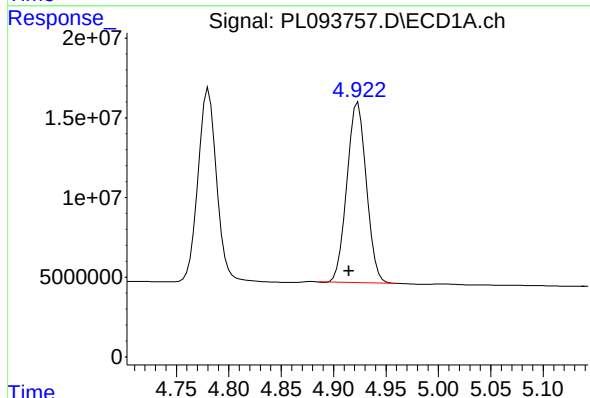
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/23/2025
Supervised By :Sohil Jodhani 01/24/2025



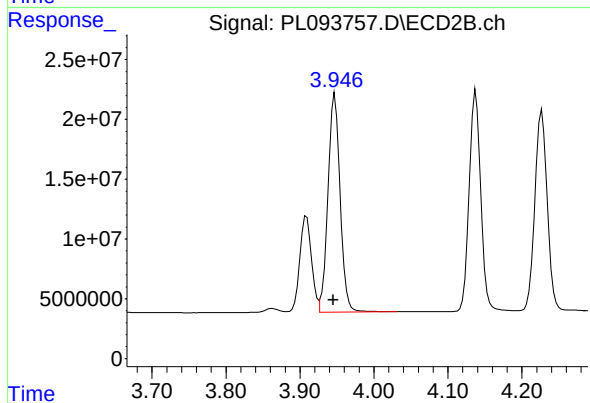
#3 gamma-BHC (Lindane)

R.T.: 3.609 min
Delta R.T.: 0.002 min
Response: 202455684
Conc: 42.70 ng/ml



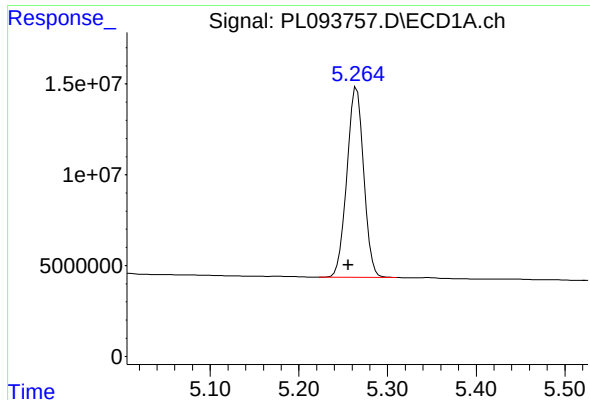
#4 Heptachlor

R.T.: 4.923 min
Delta R.T.: 0.009 min
Response: 146624237
Conc: 44.74 ng/ml



#4 Heptachlor

R.T.: 3.947 min
Delta R.T.: 0.002 min
Response: 208821261
Conc: 44.86 ng/ml



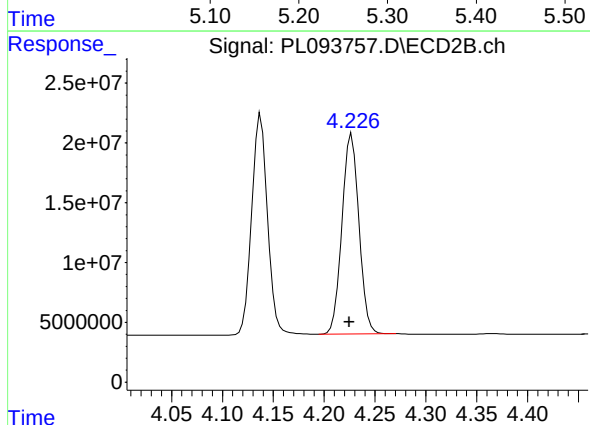
#5 Aldrin

R.T.: 5.265 min
Delta R.T.: 0.009 min
Response: 138076944
Conc: 42.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166166BS

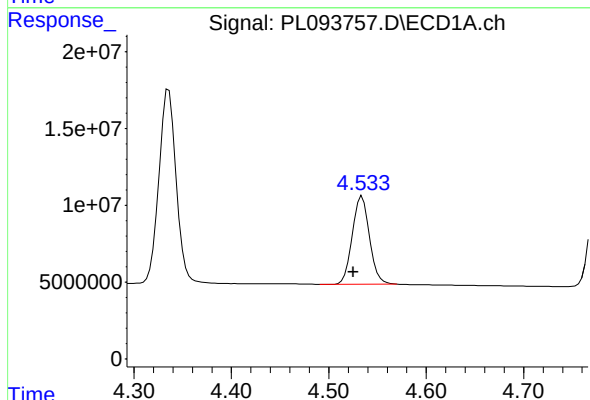
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/23/2025
Supervised By :Sohil Jodhani 01/24/2025



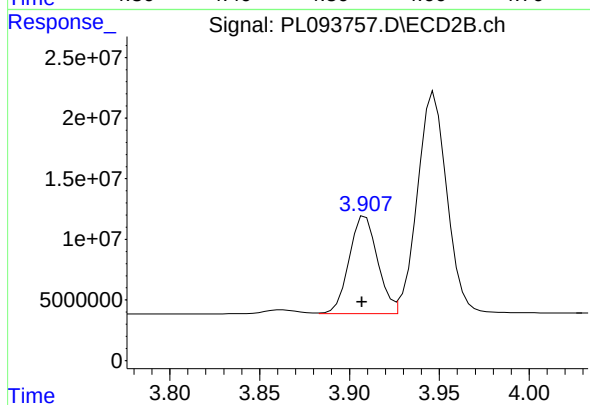
#5 Aldrin

R.T.: 4.227 min
Delta R.T.: 0.003 min
Response: 194644813
Conc: 42.67 ng/ml



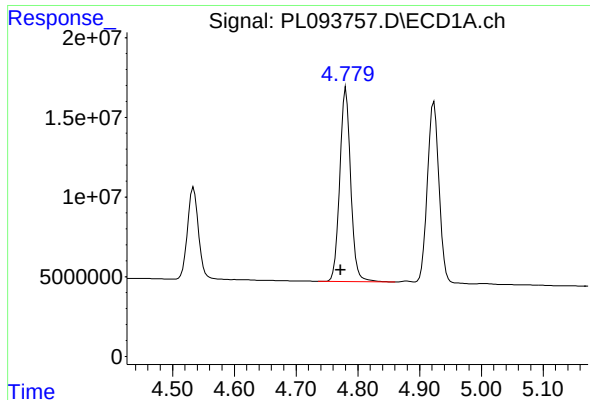
#6 beta-BHC

R.T.: 4.534 min
Delta R.T.: 0.009 min
Response: 70149243
Conc: 43.64 ng/ml



#6 beta-BHC

R.T.: 3.909 min
Delta R.T.: 0.002 min
Response: 88370480
Conc: 44.24 ng/ml



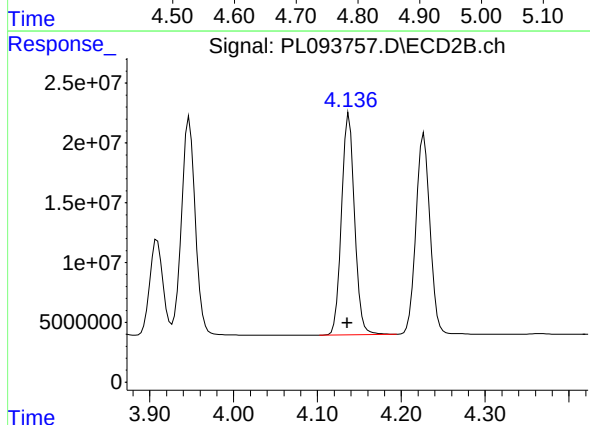
#7 delta-BHC

R.T.: 4.781 min
Delta R.T.: 0.009 min
Response: 150016175
Conc: 42.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166166BS

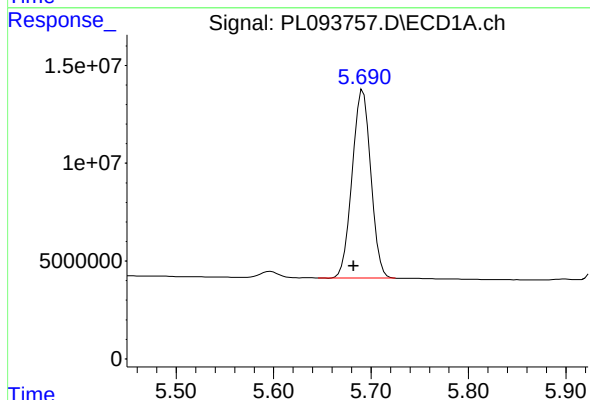
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/23/2025
Supervised By :Sohil Jodhani 01/24/2025



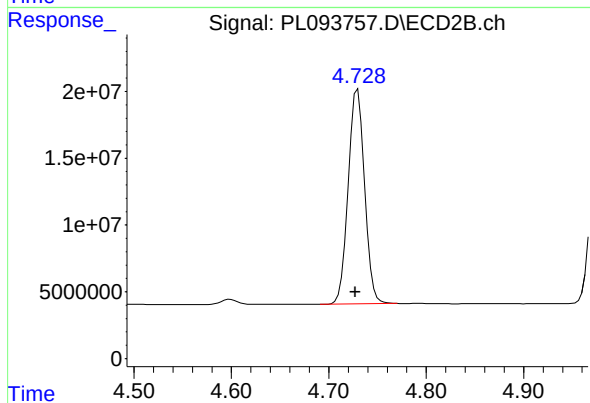
#7 delta-BHC

R.T.: 4.138 min
Delta R.T.: 0.002 min
Response: 199922192
Conc: 42.08 ng/ml



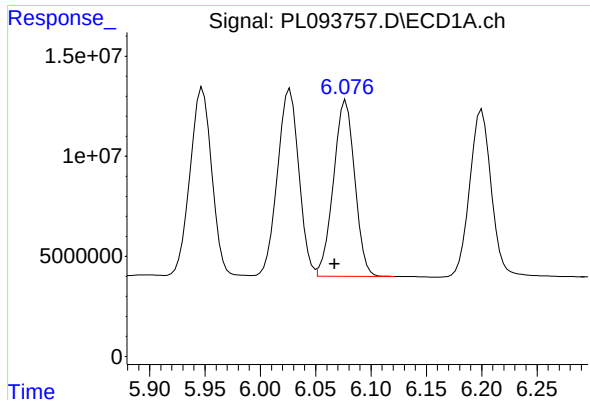
#8 Heptachlor epoxide

R.T.: 5.692 min
Delta R.T.: 0.009 min
Response: 128020809
Conc: 43.05 ng/ml



#8 Heptachlor epoxide

R.T.: 4.730 min
Delta R.T.: 0.003 min
Response: 187420402
Conc: 44.83 ng/ml



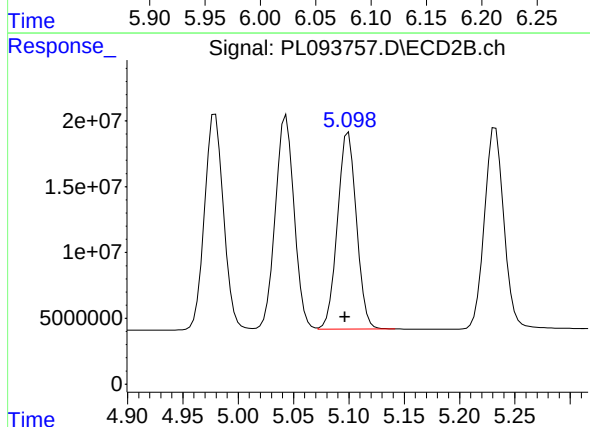
#9 Endosulfan I

R.T.: 6.077 min
Delta R.T.: 0.010 min
Response: 117957759
Conc: 44.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166166BS

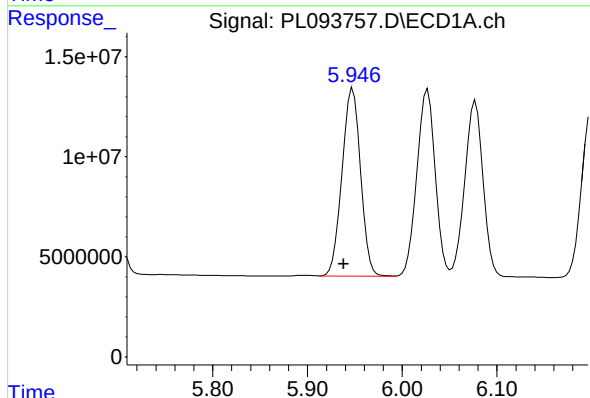
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/23/2025
Supervised By :Sohil Jodhani 01/24/2025



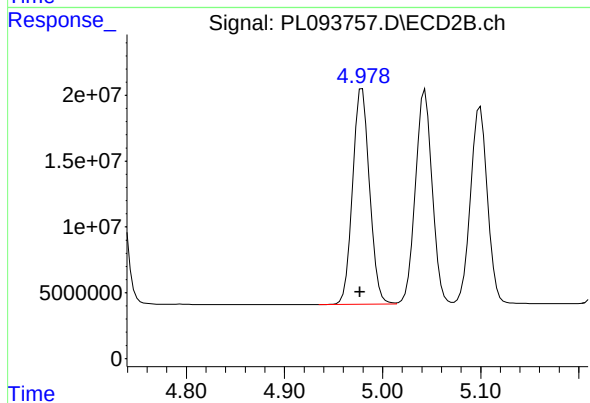
#9 Endosulfan I

R.T.: 5.100 min
Delta R.T.: 0.003 min
Response: 178992010
Conc: 46.17 ng/ml



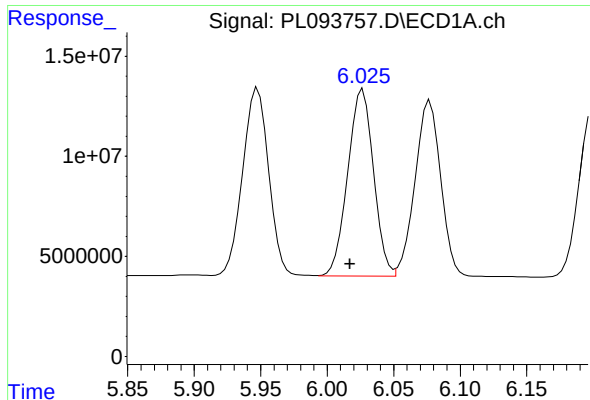
#10 gamma-Chlordane

R.T.: 5.948 min
Delta R.T.: 0.009 min
Response: 128222018
Conc: 46.00 ng/ml



#10 gamma-Chlordane

R.T.: 4.979 min
Delta R.T.: 0.002 min
Response: 196258163
Conc: 46.31 ng/ml



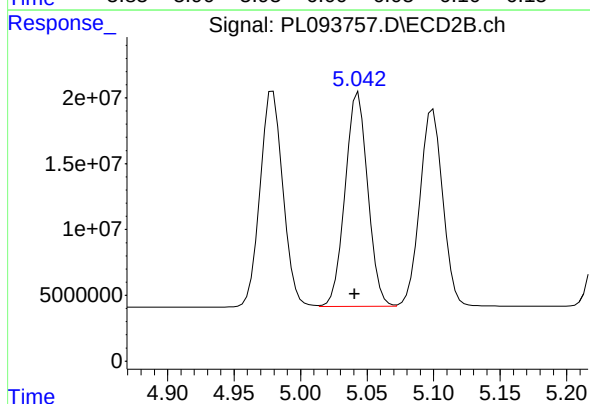
#11 alpha-Chlordane

R.T.: 6.027 min
Delta R.T.: 0.009 min
Response: 126298844
Conc: 45.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166166BS

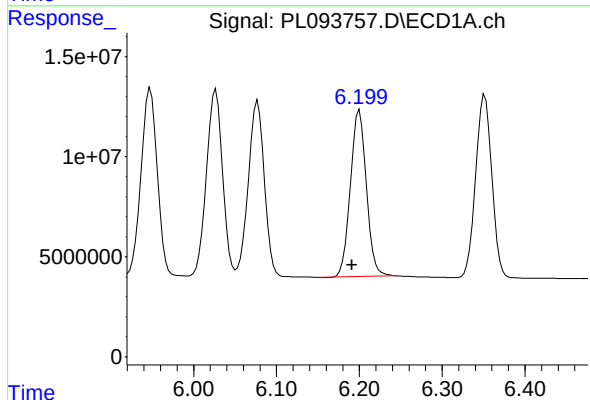
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/23/2025
Supervised By :Sohil Jodhani 01/24/2025



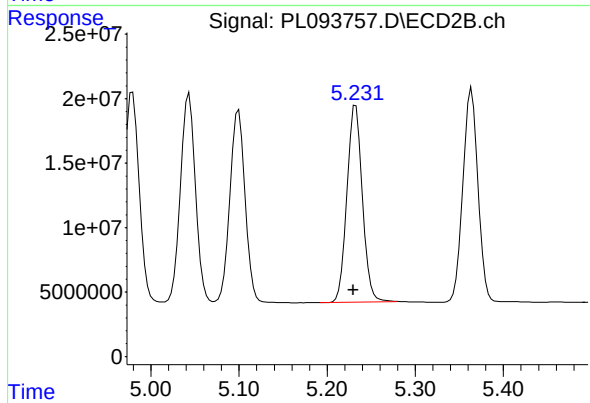
#11 alpha-Chlordane

R.T.: 5.043 min
Delta R.T.: 0.003 min
Response: 193205943
Conc: 46.15 ng/ml



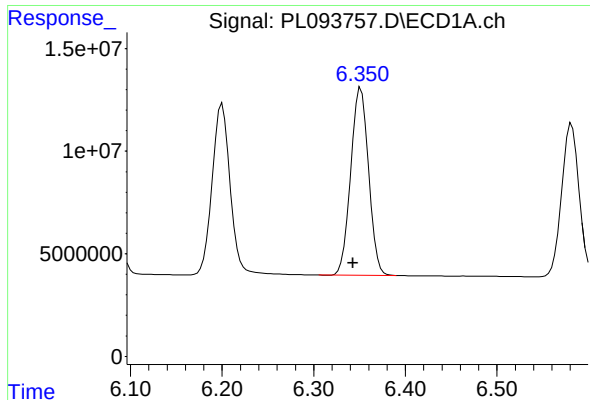
#12 4,4'-DDE

R.T.: 6.200 min
Delta R.T.: 0.009 min
Response: 111840510
Conc: 45.94 ng/ml



#12 4,4'-DDE

R.T.: 5.232 min
Delta R.T.: 0.003 min
Response: 186120289
Conc: 46.42 ng/ml



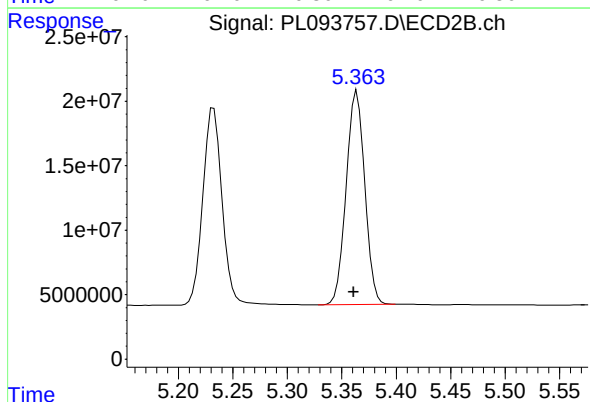
#13 Dieldrin

R.T.: 6.351 min
Delta R.T.: 0.009 min
Response: 124147977
Conc: 44.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166166BS

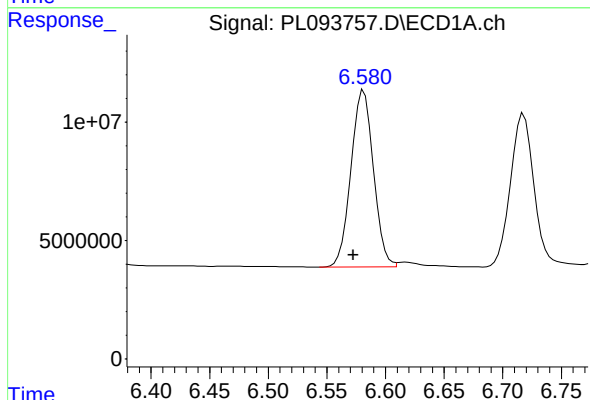
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/23/2025
Supervised By :Sohil Jodhani 01/24/2025



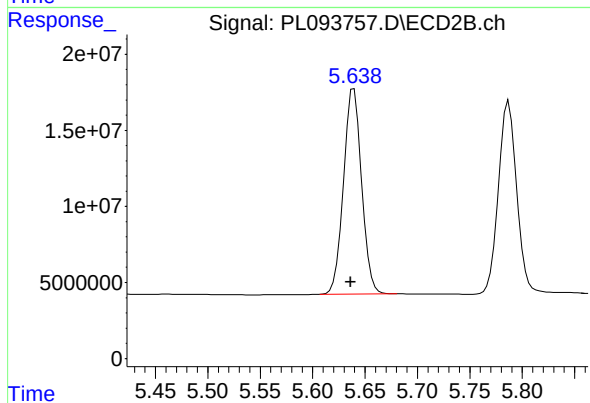
#13 Dieldrin

R.T.: 5.364 min
Delta R.T.: 0.003 min
Response: 196504215
Conc: 45.74 ng/ml



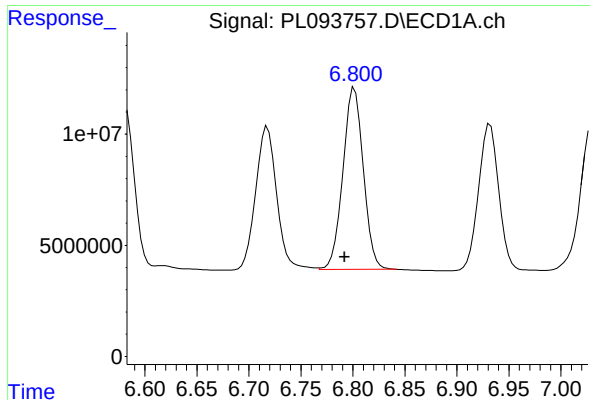
#14 Endrin

R.T.: 6.580 min
Delta R.T.: 0.008 min
Response: 99500335
Conc: 42.43 ng/ml m



#14 Endrin

R.T.: 5.639 min
Delta R.T.: 0.003 min
Response: 162857238
Conc: 44.10 ng/ml



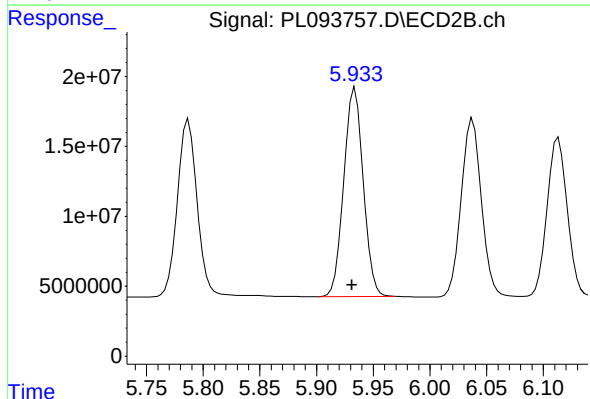
#15 Endosulfan II

R.T.: 6.802 min
Delta R.T.: 0.010 min
Response: 111704540
Conc: 46.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166166BS

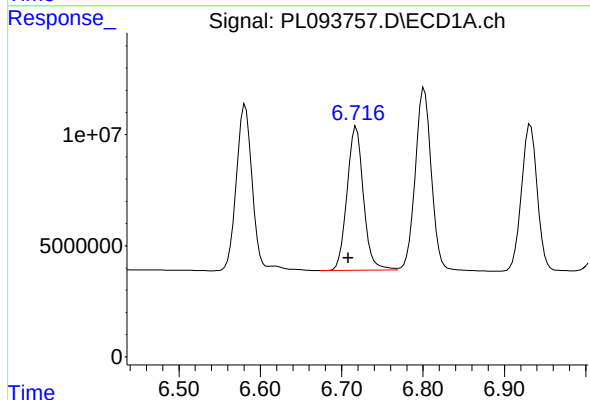
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/23/2025
Supervised By :Sohil Jodhani 01/24/2025



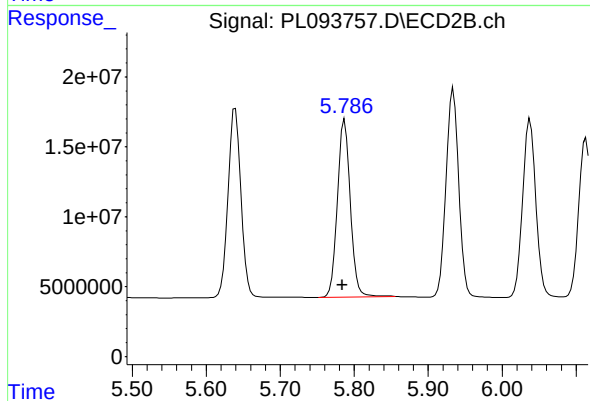
#15 Endosulfan II

R.T.: 5.934 min
Delta R.T.: 0.003 min
Response: 177958324
Conc: 48.05 ng/ml



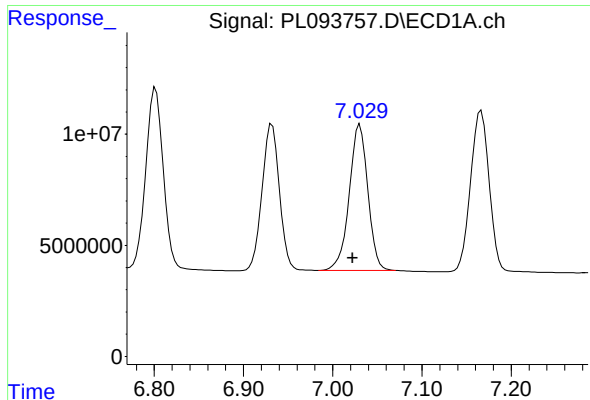
#16 4,4'-DDD

R.T.: 6.718 min
Delta R.T.: 0.010 min
Response: 90921481
Conc: 47.84 ng/ml



#16 4,4'-DDD

R.T.: 5.787 min
Delta R.T.: 0.003 min
Response: 154292802
Conc: 48.88 ng/ml



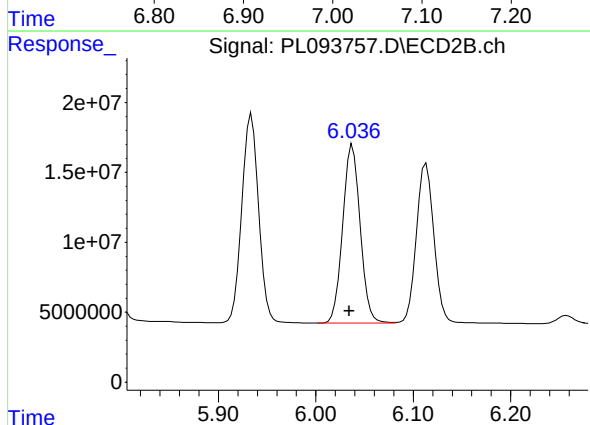
#17 4,4'-DDT

R.T.: 7.031 min
Delta R.T.: 0.008 min
Response: 95288080
Conc: 48.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166166BS

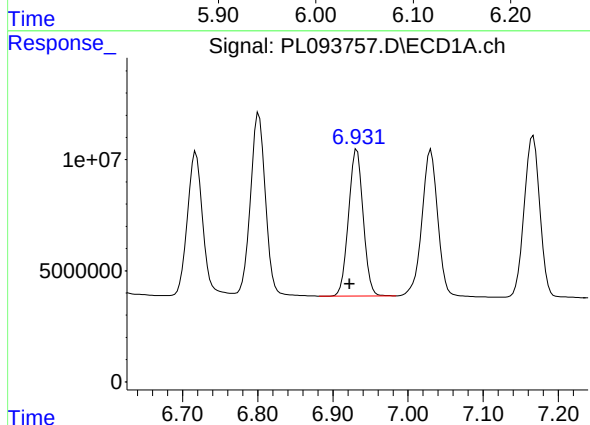
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/23/2025
Supervised By :Sohil Jodhani 01/24/2025



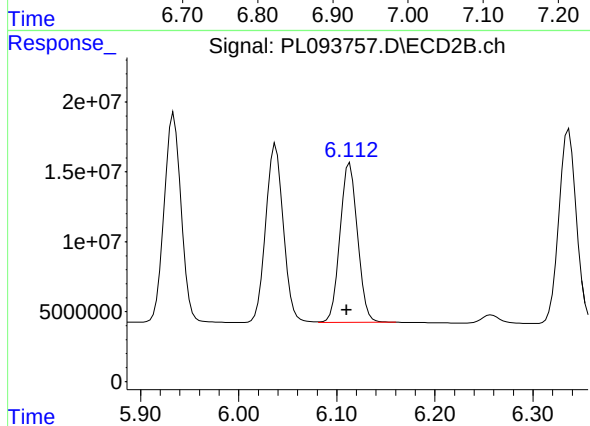
#17 4,4'-DDT

R.T.: 6.038 min
Delta R.T.: 0.004 min
Response: 158923863
Conc: 48.84 ng/ml



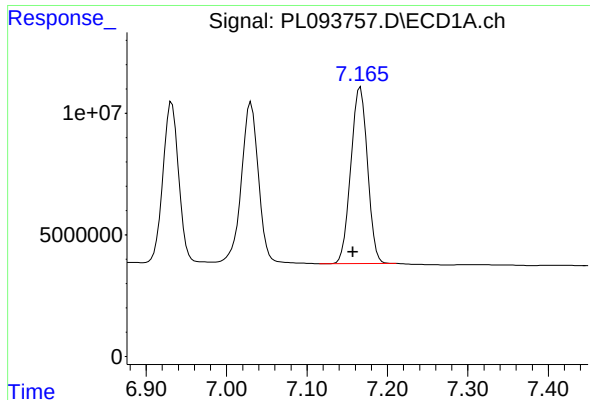
#18 Endrin aldehyde

R.T.: 6.932 min
Delta R.T.: 0.009 min
Response: 89260435
Conc: 45.91 ng/ml



#18 Endrin aldehyde

R.T.: 6.113 min
Delta R.T.: 0.003 min
Response: 141815964
Conc: 46.58 ng/ml



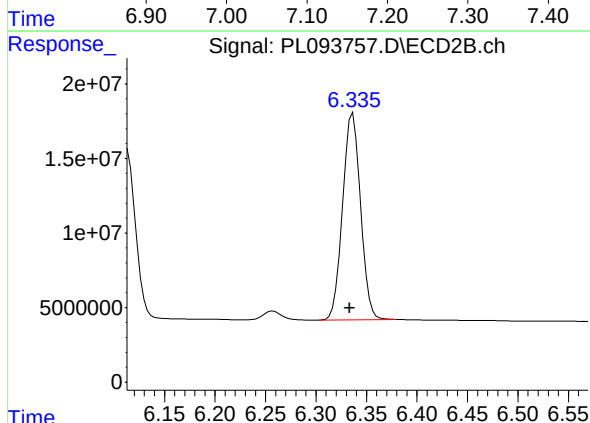
#19 Endosulfan Sulfate

R.T.: 7.166 min
Delta R.T.: 0.009 min
Response: 104536185
Conc: 46.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166166BS

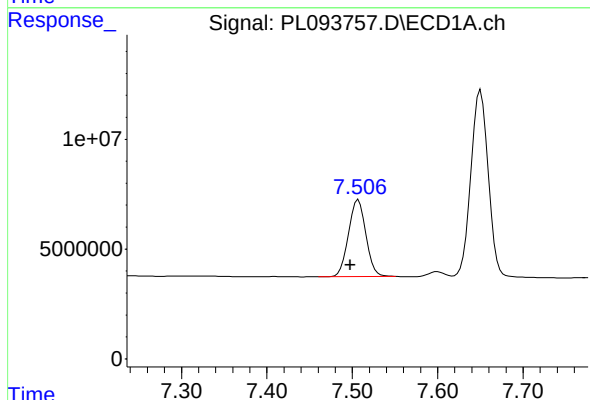
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/23/2025
Supervised By :Sohil Jodhani 01/24/2025



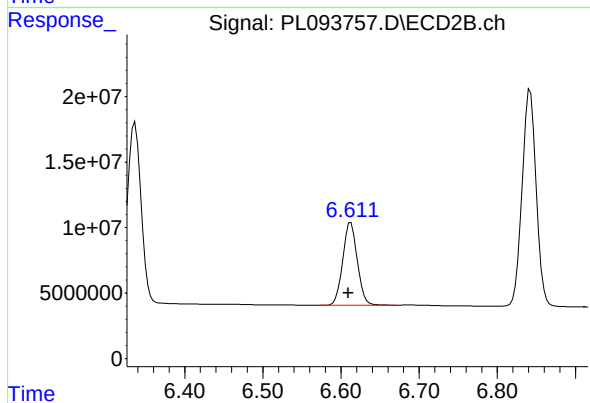
#19 Endosulfan Sulfate

R.T.: 6.337 min
Delta R.T.: 0.003 min
Response: 171757608
Conc: 48.16 ng/ml



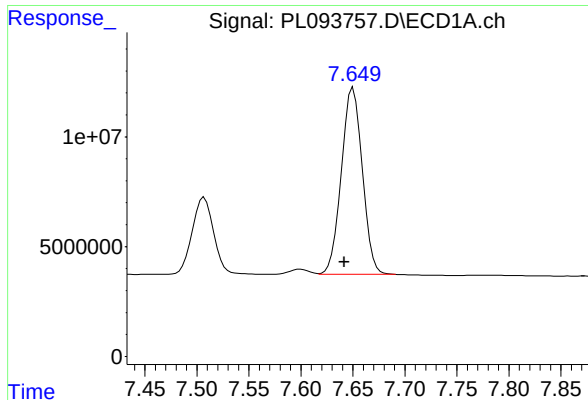
#20 Methoxychlor

R.T.: 7.507 min
Delta R.T.: 0.009 min
Response: 49689893
Conc: 47.62 ng/ml



#20 Methoxychlor

R.T.: 6.613 min
Delta R.T.: 0.003 min
Response: 82189610
Conc: 45.96 ng/ml



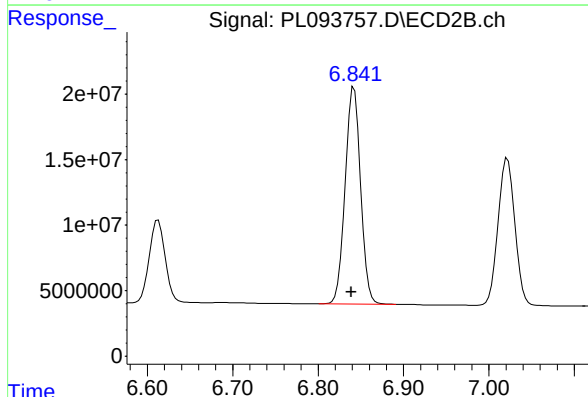
#21 Endrin ketone

R.T.: 7.650 min
Delta R.T.: 0.008 min
Response: 119141730
Conc: 47.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166166BS

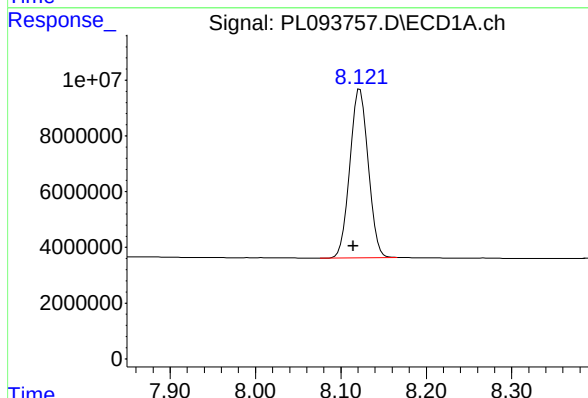
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/23/2025
Supervised By :Sohil Jodhani 01/24/2025



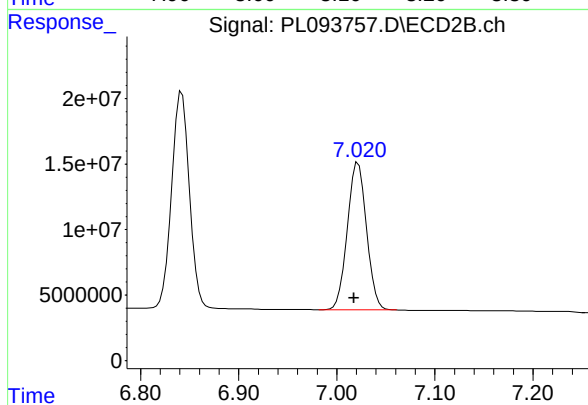
#21 Endrin ketone

R.T.: 6.842 min
Delta R.T.: 0.003 min
Response: 208251417
Conc: 49.64 ng/ml



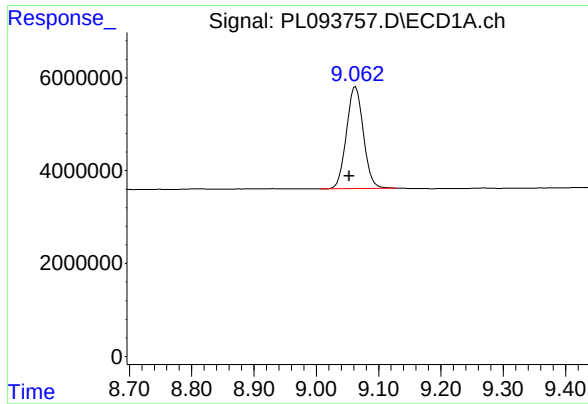
#22 Mirex

R.T.: 8.122 min
Delta R.T.: 0.008 min
Response: 90935870
Conc: 43.67 ng/ml



#22 Mirex

R.T.: 7.022 min
Delta R.T.: 0.004 min
Response: 152820358
Conc: 45.19 ng/ml



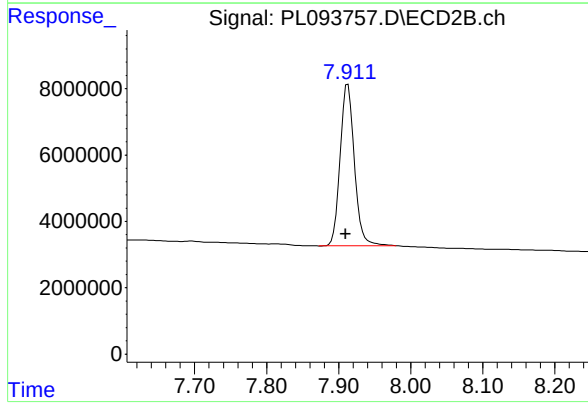
#28 Decachlorobiphenyl

R.T.: 9.063 min
Delta R.T.: 0.010 min
Response: 41431123
Conc: 19.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166166BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/23/2025
Supervised By :Sohil Jodhani 01/24/2025



#28 Decachlorobiphenyl

R.T.: 7.913 min
Delta R.T.: 0.003 min
Response: 66647380
Conc: 19.02 ng/ml